

# Converting Colors

Hex(04975A)

Have a look what the booklet for  
Hex(04975A) contains.

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**Color**

**Hex(04975A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	04975A
RGB	4, 151, 90
RGB Percent	2%, 59%, 35%
CMY	0.9843, 0.4078, 0.6471
CMYK	0.97, 0.00, 0.40, 0.41
HSL	155°, 95%, 30%
HSV	155°, 97%, 59%
XYZ	12.9621, 22.8972, 13.4093
YIQ	100.0930, -68.0310, -50.1350

# Conversions

## Conversions Part 2

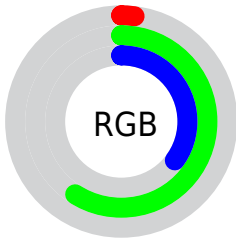
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 97, 151
Decimal	300890
CIELab	54.97, -48.52, 22.85
CIELCh	55, 53.635, 154.784
Yxy	22.8972, 0.2631, 0.4647
Android (android.graphics.Color)	4278490970 (0xFF04975A)
YUV	100.0930, -4.9758, -84.2736
Hunter-Lab	47.8510, -35.3863, 16.8809

# Details

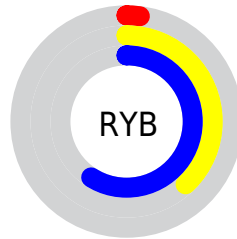
The Hex color **04975A** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **970441**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **57CE8D**, and **00632B** is the 20% darker color. If you saturate the color by 10%, you get **009758**, and if you desaturate by 10%, it is **139760**.

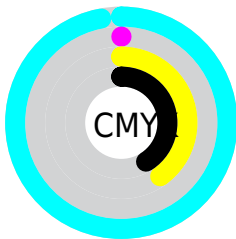
# Distribution



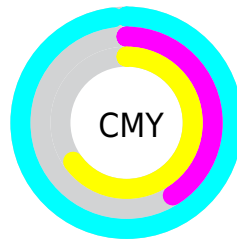
- Red (2%)
- Green (59%)
- Blue (35%)



- Red (2%)
- Yellow (38%)
- Blue (59%)



- Cyan (97%)
- Magenta (0%)
- Yellow (40%)
- Black (41%)



- Cyan (98%)
- Magenta (41%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 04975A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 04975A by changing the saturation by 10% instead.



 04975A

 04975A

FFFFFF

 007C42

 57CE8D

 00632B

 74EBA7

 004A15

 92FFC3

 003200

 AFFFDf

 001A00

 CCFFFB

 000000

 EAFFFF


 04975A

 04975A

 009758

 139760

 229767

 31976D

 409773

 509779

 5F9780

 6E9786

 7D978C

 8C9792

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



659031



04975A



009A8A

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



04975A



2286E0



D36051

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



04975A



970441

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



D7587E



04975A



8F74D0

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



04975A



0093D7



C261AC



BB732D

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



04975A



009AA9



C261AC



D75C5F



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



04975A



8BC4AD



419704



416355



E3E3E3



636363



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



04975A



00C473



048B97



454D49



008C52



000D07



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



970441



C40051



971004



4D4548



8C003A



0D0005



# Previews

## White Background



This preview shows how the Hex color 04975A looks on a white background.

## Color Contrast Check

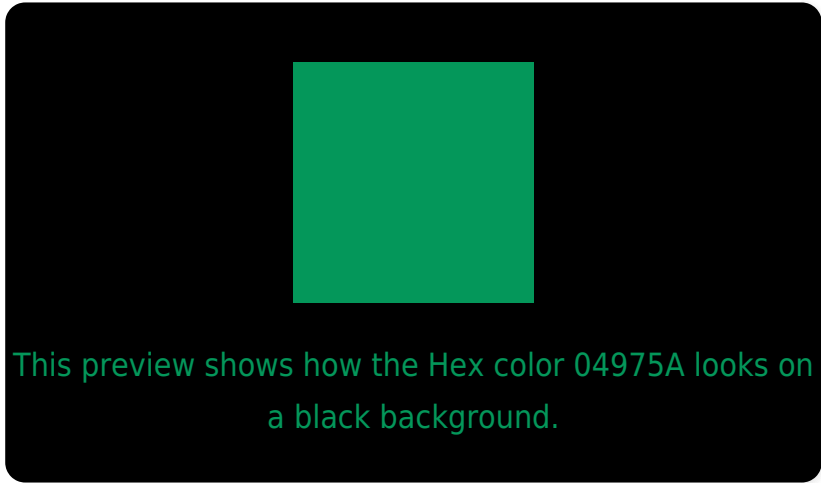
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 04975A Background



This preview shows how black text looks on a background with the Hex color 04975A.

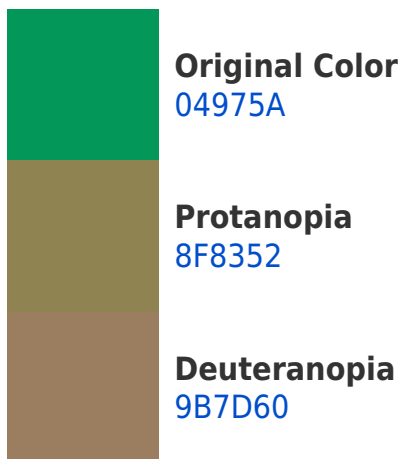


This preview shows how white text looks on a background with the Hex color 04975A.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
378F9B

# Trichromacy



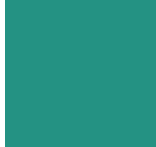
**Original Color**  
04975A



**Protanomaly**  
5C8A55



**Deuteranomaly**  
64865E



**Tritanomaly**  
249283

# Monochromacy



**Original Color**  
04975A



**Achromatopsia**  
646464



**Achromatomaly**  
417760

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 04975A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #04975A looks like.

```
.text, #text, p{  
    color:#04975A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #04975A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04975A
}
```

## Border

The CSS property to change the border of an element to Hex 04975A is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#04975A }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:#04975A }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #04975A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04975A; -webkit-box-shadow:4px 4px  
4px 4px #04975A; box-shadow:4px 4px 4px  
4px #04975A }
```

# Background

The CSS property to change the background color of an element to Hex 04975A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04975A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#04975A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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